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MONTANA OIL AND GAS STATISTICAL BULLETIN

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BOARD OF OIL AND GAS CONSERVATION
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Vol. XX, No. 8 — 66 — **AUGUST, 1972**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of August, 1972, averaged 92,100 barrels daily, a decrease of 1,438 barrels from the average July, 1972, production of 93,538.

The nine refineries in the state processed 139,159 barrels of crude oil daily for the month of August, 1972, an increase of 4,118 barrels from the 135,041 barrels processed daily during the month of July, 1972.

During August, 69 wells were completed, 4 oil, 13 gas and 52 dry holes.

During August the commission issued 91 permits to drill new wells, a decrease of 16 from the 107 permits issued during July.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF AUGUST, 1972

IN STORAGE AUGUST 1st	
By Producers	303,167
By Transporters	1,378,479
By Refiners	1,061,502
TOTAL STORAGE	2,743,148
Produced in Montana During Month	2,855,111
Imported During Month	3,471,756
TOTAL	9,070,015
DISPOSITION:	
Refined in Montana	4,313,940
Exported	2,241,821
Used for Fuel or Lost	4,467
TOTAL	6,560,228
IN STORAGE AUGUST 31st	
By Producers	299,352
By Transporters	1,308,035
By Refiners	902,400
TOTAL STORAGE	2,509,787

NATURAL GAS WITHDRAWALS IN MONTANA

Month of August, 1972

Field	M. C. Ft.
Bell Creek	65,950
Big Coulee	45,625
Blackjack	50,877
Bowdoin	55,253
Bowes	5,375
Cabin Creek	74,443
Cedar Creek	49,314
Cut Bank (including Regan)	472,629
Dry Creek	10,397
Elk Basin	20,522
Flat Coulee	1,947
Gold Butte	2,641
Grandview	22,107
Hardin	3,022
Keith Block	44,890
Kevin Sunburst	1,999
Lake Basin	—0—
Middle Butte	1,833
Mt. Lilly	—0—
Pine	33,472
Plevna	1,671
South Devon	7,326
Tiger Ridge —Squaw Coulee	150,259
Trail Creek	24,923
Utopia	—0—
West Butte	—0—
Whitlash	80,395
Miscellaneous	246,803
TOTAL	1,491,673

Total Withdrawals for August, 1971, were 2,166,355.

PRODUCERS REPORT — MONTH OF AUGUST, 1972

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
3	Ash Creek	3	63	1,000	----	833	----	230
1	Bainville	1	2,938	2,634	----	2,485	----	3,087
3	Banatyne	3	----	608	608	----	----	----
3	Bear's Den	4	1,705	817	----	----	----	2,522
16	Bell Creek	249	22,958	545,382	543,297	----	17	25,026
1	Benrud	1	469	1,816	2,114	----	----	171
2	Benrud East	2	1,468	12,444	12,646	----	----	1,266
1	Benrud Northeast	1	1,118	1,831	2,377	----	----	572
1	Berthelote	1	270	193	----	----	----	463
6	Big Wall	14	870	6,161	5,898	----	----	1,133
4	Blackfoot	5	631	1,886	1,961	----	----	556
3	Border	5	1,009	954	----	937	----	1,026
1	Bowes	42	3,020	11,085	11,314	----	----	2,791
1	Bradley	1	154	540	399	----	----	295
----	Brady	----	102	----	----	----	----	102
4	Brorson-Madison	4	1,609	3,516	----	3,779	----	1,346
5	Brorson-Red River	5	5,158	10,506	----	10,825	----	4,839
3	Brorson-Red River South	3	1,911	7,781	----	8,122	----	1,570
7	Brush Lake	7	937	21,696	21,367	----	----	1,266
2	Cabin Creek	90	----	266,700	266,700	----	----	----
1	Canal	1	646	6,614	----	6,052	----	1,208
10	Cat Creek	47	2,969	14,445	14,157	----	----	3,257
1	Clark's Fork	1	92	123	----	183	----	32
1	Clark's Fork South	1	49	314	----	314	----	49
3	Conrad South	3	100	591	591	----	----	100
2	Cow Creek	2	368	899	----	923	----	344
4	Cow Creek East	5	870	34,298	----	33,794	----	1,374
1	Culbertson	1	124	985	----	695	----	414
4	Cupton	7	2,654	9,859	----	8,760	----	3,753
134	Cut Bank	867	51,737	395,425	396,129	794	127	50,112
----	Dean Dome	----	65	----	----	----	----	65
1	Deer Creek	1	694	1,321	1,394	----	----	621
1	Delphia	1	251	367	----	199	----	419
1	Devil's Basin	1	675	----	187	----	----	488
3	Dwyer	14	4,648	16,535	16,337	----	----	4,846
3	Elk Basin	47	828	125,011	124,880	----	----	959
4	Elk Basin Northwest	8	1,649	3,286	3,512	----	----	1,423
5	Fairview	9	9,337	33,729	11,500	22,517	----	9,049
2	Fertile Prairie	2	857	1,380	----	1,442	----	795
5	Flat Coulee	20	2,359	6,238	6,671	----	----	1,926
40	Flat Lake	52	5,755	50,793	52,342	----	----	4,206
6	Flat Lake South	6	976	7,652	7,304	----	----	1,324
1	Ft. Gilbert	2	191	20,271	20,279	----	----	183
1	Frannie	1	----	1,922	1,922	----	----	----
7	Fred & George Creek	33	2,682	35,782	36,403	----	----	2,061
1	Gage	1	25	201	----	----	----	226
3	Gas City	18	7,114	22,975	16,661	5,820	----	7,608
2	Girard	2	1,658	2,688	----	3,114	29	1,203
11	Glendive	15	3,135	26,085	26,708	----	----	2,512
26	Goose Lake	34	5,268	31,627	33,056	----	----	3,839
9	Graben Coulee	20	6,679	7,390	3,297	1,385	3,185	6,202
2	Gypsy Basin	2	187	380	380	----	----	187
1	Hay Creek-Mission Canyon	1	70	1,236	1,241	----	----	65
2	Hay Creek-Red River	2	494	9,505	9,499	----	----	500
5	Hiawatha	5	1,832	6,770	5,296	----	----	3,306
1	Injun Creek	1	675	291	412	----	----	554
6	Ivanhoe	12	1,308	4,188	4,340	----	----	1,156
1	Jim Coulee	18	4,369	45,560	45,422	----	62	4,445
4	Keg Coulee	16	5,044	8,968	10,045	----	----	3,967
2	Keg Coulee North	2	846	922	1,277	----	----	491
1	Kelley	3	997	8,620	8,751	----	----	866
88	Kevin Sunburst	459	8,298	27,983	21,265	6,788	----	8,228
8	Laird Creek	10	649	3,028	----	3,023	6	648
3	Leary	3	2,296	1,969	----	2,306	----	1,959
1	Little Beaver	23	----	38,650	38,650	----	----	----
2	Little Beaver East*	12	1,901	13,380	13,269	----	----	2,012
1	Little Wall Creek	1	544	5,188	5,088	----	----	644
2	Lodge Grass	2	331	958	----	604	----	685
5	Lonetree Creek	5	2,822	38,440	----	38,539	----	2,723
3	Lookout Butte (Coral Creek)	32	270	55,071	54,993	----	----	348
1	Mason Lake	1	342	348	352	----	----	338
2	Melstone	3	1,030	1,833	2,244	----	----	619
1	Mineral Bench	1	315	1,667	1,667	----	----	315
2	Miner's Coulee	2	107	715	----	715	----	107
4	Monarch	14	3,219	15,392	11,140	3,754	----	3,717
2	Mosser	2	----	379	----	379	----	----
2	Otis Creek	2	309	3,782	----	3,641	----	450
6	Outlook	8	6,764	12,690	14,482	----	----	4,972
1	Outlook South	1	929	415	741	----	----	603
2	Outlook West	2	1,446	3,101	3,101	----	----	1,446
1	Pennel-Lookout Butte	111	----	169,430	169,430	----	----	----
3	Pine	108	17,108	235,374	235,469	----	----	17,013
61	Pondera	256	4,249	22,873	23,590	----	----	3,532
6	Poplar	62	9,520	46,709	49,195	----	----	7,034
2	Poplar Northwest	2	1,883	1,254	1,492	----	----	1,645
1	Prairie Elk	1	373	91	----	----	----	464
2	Pritchard Creek	2	167	1,016	1,016	----	----	167
1	Putnam	2	121	6,863	----	6,742	----	242
3	Ragged Point	11	3,287	4,548	1,799	----	----	6,036
2	Rattlesnake Coulee	2	1,318	567	949	----	----	936
3	Raymond	3	1,365	31,879	31,879	----	----	1,365
2	Reagan	43	531	17,287	17,413	----	----	405
1	Red Creek	21	----	12,434	12,434	----	----	----
1	Red Fox	1	263	809	866	----	----	206
1	Redstone	1	427	1,512	1,751	----	----	188
1	Repeat	1	160	1,430	----	1,340	----	250
3	Reserve	3	----	6,654	6,461	----	----	193
1	Richey	1	696	424	862	----	----	258
1	Richey Southwest	5	498	1,983	2,125	----	----	356
1	Rough Creek	1	122	240	----	----	----	362
1	Rush Mountain	1	869	2,580	2,976	----	----	473
2	Salt Lake	2	861	4,391	----	4,692	----	560
4	Sand Creek	4	741	2,709	2,868	----	----	582
1	Snyder	4	154	790	----	757	----	187
7	Soap Creek	18	767	4,647	----	4,622	----	792
2	Spring Lake	2	2,023	2,019	----	2,403	----	1,639
1	Stensvad	4	2,876	22,988	22,705	----	----	3,159
13	Sumatra	75	16,960	89,687	86,339	----	1	20,307
5	Tule Creek	5	3,792	22,876	----	23,400	----	3,268
2	Tule Creek East	2	487	7,378	----	7,244	----	621
2	Tule Creek South	3	665	2,870	----	2,680	23	832
2	Vida	2	412	1,127	----	1,071	----	468
4	Volt	5	2,504	10,762	10,942	----	----	2,324
2	Weed Creek	3	903	1,493	1,757	----	4	635
3	Weldon	3	1,008	7,080	6,912	----	----	1,176
1	West Butte	1	----	1,325	----	1,325	----	----
17	Whitlash	42	8,832	11,535	12,273	----	----	8,094
----	Whitlash West	----	284	----	----	----	----	284
2	Willow Creek North	2	713	1,931	2,035	----	----	609
2	Wills Creek South	2	----	2,814	2,814	----	----	----
3	Wolf Springs	4	788	1,903	1,360	----	----	1,331
2	Woodrow	2	270	2,007	2,089	----	----	188
5	Wright Creek	5	1,543	2,273	1,709	----	----	2,107
----	Wildcat, Blaine Cty.	----	157	----	----	----	----	157
----	Wildcat, Carbon Cty	----	310	----	----	----	----	310
1	Wildcat, Daniels Cty	1	316	1,096	----	875	----	537
1	Wildcat, Dawson Cty	1	464	1,128	----	1,220	----	372
2	Wildcat, Glacier Cty	5	1,877	732	1,428	----	----	1,181
----	Wildcat, McCone Cty	----	98	----	----	----	----	98
1	Wildcat, Richland Cty	1	1,037	10,000	----	10,000	----	1,037
2	Wildcat, Roosevelt Cty	2	681	1,677	----	1,329	----	1,029
4	Wildcat, Toole Cty	4	448	2,131	----	2,446	----	133
712	Total	3,150	303,167	2,855,111	2,610,604	244,868	3,454	299,352

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1971	34,598,723	94,791	34,623,678	94,859
First Quarter, 1972	8,240,945	90,560	8,211,215	90,233
Second Quarter, 1972	8,547,983	93,934	8,559,903	94,065
July, 1972	2,899,676	93,538	2,900,373	93,560
August, 1972	2,855,111	92,100	2,855,472	92,112

Oil In Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage**	Total Oil In Storage**
December, 1971	290,832	1,316,908	605,612	2,213,352
March, 1972	318,394	1,389,602	990,950	2,698,946
June, 1972	304,580	1,480,979	1,091,168	2,876,727
July, 1972	303,167	1,378,479	1,061,502	2,743,148
August, 1972	299,352	1,308,035	902,400	2,509,787

*Montana Oil Only

**Includes Wyoming Oil

TRANSPORTERS REPORT — MONTH OF AUGUST, 1972

	Storage First of Month	Oil Received By			Loss or Gain	Oil Shipped To			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Western Crude Oil Inc.			833				833		
BAINVILLE—Koch Oil Company			2,485				2,485		
BELL CREEK—Pipeline	80,771	543,297					312,372	260,236	51,460
BIG WALL—Continental Pipeline Co.		5,899				5,899			
BLACKFOOT—									
Camerland Cardinal Corp.		1,960						1,960	
BORDER—Permian Corp.			937					937	
BOWES—Texaco Inc.		11,314				11,314			
BRORSON-MADISON, BRORSON-RED RIVER & BRORSON- RED RIVER SOUTH—Koch Oil Company			22,726					22,726	
BRUSH LAKE—Portal Pipeline Co.		21,352					21,352		
CABIN CREEK & OTHERS*—									
Butte Pipeline Co.	336,211	658,391	22,480	761,621			1,424,545		354,158
Shell Pipeline Co.	2,902	291,412			(3,646)			294,447	3,513
	339,113	949,803	22,480	761,621	(3,646)		1,424,545	294,447	357,671
CANAL—Koch Oil Company			6,052				6,052		
CAT CREEK—									
Continental Pipeline Co.		15,409				15,409			
CLARK'S FORK AND CLARK'S FORK SOUTH—Permian Corp.			497				497		
COW CREEK AND COW CREEK EAST—Western Crude Oil, Inc.			34,717				34,717		
CULBERTSON—Sprucee Oil Co.			695				695		
CUT BANK—									
Continental Pipeline Co.		521,133	13,737					534,870	
Phillips Petroleum Co.	37,818	141,496		24,969	1,552	162,271			40,460
Texas Pipeline Co.	14,012	40,500		61,500	200			100,812	15,000
Union Oil Co.	95,946	53,525			639	71,466			77,366
Western Oil Trans. Co.		56,505						56,505	
Western Oil Trans. Co. (Moulton)		124,046						124,046	
	147,776	937,205	13,737	86,469	2,391	233,737		816,233	132,826
DELPHIA—Truck			199			199			
DWYER—Portal Pipeline Co.		15,933					15,933		
ELK BASIN AND ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		128,576				128,576			
FAIRVIEW—									
Fairview Pipeline Co.		11,500					11,500		
Koch Oil Company			22,517				22,517		
		11,500	22,517				34,017		
FLAT COULEE—									
Camerland Cardinal Corp.		5,961				5,961			
FLAT LAKE & FLAT LAKE SOUTH—Portal Pipeline Co.		53,989					53,989		
FT. GILBERT—									
Fairview Pipeline Co.		20,280					20,280		
FRANNIE—Interstate Pipeline Co.		1,922					1,922		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	16,820	39,920				24,725		15,399	16,616
GIRARD—Koch Oil Company			3,114				3,114		
GLENDIVE, DEER CREEK, WODDROW & SAND CREEK—									
Texas Pipeline Co.	4,108	26,500			650			23,458	6,500
GOOSE LAKE—Portal Pipeline Co.		29,691					29,691		
HAY CREEK—Fairview Pipeline Co.		10,740					10,740		
HIAWATHA—Continental Pipeline Co.		5,105					5,105		
IVANHOE—Continental Pipeline Co.		4,340				4,340			
JIM COULEE—									
Continental Pipeline Co.		48,264						48,264	
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		11,322				11,322			
KELLEY—Continental Pipeline Co.		11,007				11,007			
KEVIN SUNBURST—									
Big West Oil Co.	7,055	16,019				16,625			6,449
Homestake Oil & Gas Co.	1,167	1,253				1,017		368	1,035
Texas Pipeline Co.	17,667	8,500			100	10,567			15,500
	25,889	25,772			100	28,209		368	22,984
LEARY—Permian Corp.			2,306				2,306		
LODGE GRASS—Permian Corp.			604			604			
LONE TREE CREEK—Koch Oil Co.			38,539					38,539	
MASON LAKE—									
Continental Pipeline Co.		352				352			
MELSTONE—Continental Pipeline Co.		2,095				2,095			
MIDDLE WALL**—									
Continental Pipeline Co.		2,035						2,035	
MOSSER—Permian Corp.			379				379		
OTIS CREEK—									
Western Crude Oil, Inc.			3,641				3,641		
OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST—									
Portal Pipeline Co.		18,360					18,360		
PONDERA—Phillips Petroleum Co.	28,143	25,222			308	32,259			20,798
POPLAR, BENRUD, BENRUD EAST, RED FOX, REDSTONE—									
East Poplar Gathering System	8,951	72,457			(97)			65,841***	15,664
PUTNAM—Western Crude Oil, Inc.			6,742				6,742		
RAGGED POINT—									
Continental Pipeline Co.		4,342				4,342			
RED CREEK—									
Western Oil Transportation Co.		13,115						13,115	
RESERVE—Portal Pipeline Co.		6,410					6,410		
RUSH MOUNTAIN—Sinclair Ref. Co.		2,970					2,970		
SALT LAKE—Koch Oil Company			4,692				4,692		
SNYDER—Permian Corp.			757			757			
SOAP CREEK—Permian Corp.			4,622				4,622		
SPRING LAKE—Koch Oil Co.			2,403				2,403		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	720,683	112,580		2,727,891	1,172	99,945		2,782,276	677,761
TULE CREEK—									
Spruce Oil Co.	6,225		30,644			31,114			5,755
Permian Corp.			2,680			2,680			
	6,225		33,324			33,794			5,755
WEED CREEK & WOLF SPRINGS—									
Continental Pipeline Co.		3,117				3,117			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		11,778				11,778			
WILDCAT WELLS—Truck			15,870				15,870		
TOTAL	1,378,479	3,211,894	244,868	3,575,981	878	669,741	2,046,734	4,385,834	1,308,035

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Richey, Richey Southwest, Vida, Weldon & Wills Creek South
**Little Wall Creek & Willow Creek North
***Transferred to Butte Pipeline Company

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF AUGUST, 1972

	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petroleum Co.	Spruce Oil Co.	Westco Refining Co.	Total
Big Wall		5,899								5,899
Bowes			17,456							17,456
Cat Creek		654		14,755						15,409
Cut Bank	68,379						148,067		144,526	360,972
Elk Basin		49,266		40,955	38,355					128,576
Flat Coulee									5,961	5,961
Fred & George Creek	24,725									24,725
Ivanhoe		4,340		7,964						12,304
Keg Coulee		3,358								3,358
Kelley					11,007					11,007
Kevin Sunburst	28,209									28,209
Lodge Grass		604								604
Mason Lake		352								352
Melstone				2,095						2,095
Pondera							26,585			26,585
Ragged Point				4,342						4,342
Snyder		757								757
Sumatra & Stensvad		16,016		83,929	5,615					105,560
Tule Creek								66,637		66,637
Weed Creek					1,757					1,757
Whitlash							18,259			18,259
Wolf Springs					1,360					1,360
Total Montana Oil	121,313	81,246	17,456	154,040	58,094		192,911	66,637	150,487	842,184
Canadian Oil Imported		544,180		390,727	258,812					1,193,719
Wyoming Oil Imported		901,308		513,916	862,813					2,278,037
Total Montana Canadian and Wyoming Oil	121,313	1,526,734	17,456	1,058,683	1,179,719		192,911	66,637	150,487	4,313,940

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1971	25,375	29,993	67,911	123,279
August, 1971	25,747	40,562	70,819	137,128
August, 1972	27,167	38,507	73,485	139,159

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
20.58%	24.33%	55.09%
18.78%	29.58%	51.64%
19.52%	27.67%	52.81%